

I. In the Claims

1. Please cancel claims 1-6 without prejudice or disclaimer of the subject matter thereof.

2. Please add the following claims:

7. (Newly Added) A driver circuit, comprising:

a phase generator; and

a charge pump, which includes a plurality of stages, wherein signals from each of said plurality of stages are fed back to said phase generator to effect adaptive control of a plurality of phases of said plurality of stages.

Al 8. (Newly Added) An apparatus as recited in claim 7, wherein each of said stages includes a driver, a charge storage device and a switching device.

9. (Newly Added) An apparatus as recited in claim 8, wherein one of said signals is derived between said driver and said charge storage device and is indicative of a state of a phase from said phase generator.

10. (Newly Added) An apparatus as recited in claim 8, wherein one of said signals is derived at said switching device and is indicative of a state of a phase from said phase generator.

11. (Newly Added) An apparatus as recited in claim 7, wherein said adaptive control further comprises commencing a first phase only upon termination of a second phase.

12. (Newly Added) An apparatus as recited in claim 7, wherein a third phase can change only after said second phase is in an on-state.

13. (Newly Added) A display device including a driver circuit, wherein the driver circuit comprises:

a phase generator; and

A a charge pump, which includes a plurality of stages, wherein signals from each of said plurality of stages are fed back to said phase generator to effect adaptive control of a plurality of phases of said plurality of stages.

14. (Newly Added) A display device as recited in claim 13, wherein each of said stages includes a driver, a charge storage device and a switching device.

15. (Newly Added) A display device as recited in claim 14, wherein one of said signals is derived between said driver and said charge storage device and is indicative of a state of a phase from said phase generator.